

WHAT IS CLAIMED IS:

1. A method for recording, on one recording medium, a positional information image representing positional information corresponding to at least positions on the recording medium and the other image, using a recording apparatus that applies a recording material onto the recording medium, the method comprising:

the step of obtaining dot data of a color material forming the positional information image, according to record data for recording the positional information image;

the conversion step of converting dot data of a color material forming said the other image so that the dot density of said the other image is reduced, on the basis of the dot data of the color material forming the positional information; and

the recording step of recording the images on the recording medium, according to the record data of the positional information image and the converted data of said the other image.

2. A method according to Claim 1, wherein in the conversion step, a dot of said the other image provided in positions where the dots of the positional information image are provided is removed.

3. A method according to Claim 1, wherein in the conversion step, dots of said the other image in and adjacent to positions where the dots of the positional information image are provided are removed.

4. A method according to Claim 1, wherein in the conversion step, the duty of the dots of said the other image provided in a predetermined area adjacent to the dots of the positional information image is reduced.

5. A method according to Claim 1, wherein in the recording step, the color material forming the positional information image contains carbon black.

6. A recording system for recording an image representing positional information corresponding to positions on at least a recording medium and the other image on one recording medium, the system comprising:

- a recording apparatus for performing recording by applying a recording material onto the recording medium according to image data;

- a transmitter for transmitting the image data to the recording apparatus;

- acquisition means for obtaining dot data of a color

material forming the positional information image, according to record data for recording the positional information image; and

conversion means for converting dot data of a color material forming said the other image so that the dot density of said the other image is reduced, on the basis of the dot data of the color material forming the positional information.

7. A system according to Claim 6, wherein in the conversion means, a dot of said the other image provided in positions where the dots of the positional information image are provided is removed to reduce the dot density of said the other image.

8. A system according to Claim 6, wherein in the data converting means, dots of said the other image in and adjacent to positions where the dots of the positional information image are provided are removed to reduce the dot density of said the other image.

9. A system according to Claim 6, wherein in the data converting means, the duty of the dots of said the other image provided in a predetermined area adjacent to the dots of the positional information image is reduced to reduce the

dot density of said the other image.

10. A system according to Claim 6, wherein the recording apparatus is capable of recording an image with a color material containing carbon black, and the dots of the positional information image are recorded with the color material containing carbon black.

11. An image processing apparatus for recording an image by applying a recording material onto a recording medium, the image processing apparatus performing processing for recording, on one recording medium, a positional information image representing positional information corresponding to at least positions on the recording medium and the other image, the image processing apparatus comprising:

acquisition means for obtaining dot data of a color material forming the positional information image, according to record data for recording the positional information image; and

data processing means for processing dot data of a color material forming said the other image so that the dot density of said the other image is reduced, on the basis of the dot data of the color material forming the positional information.